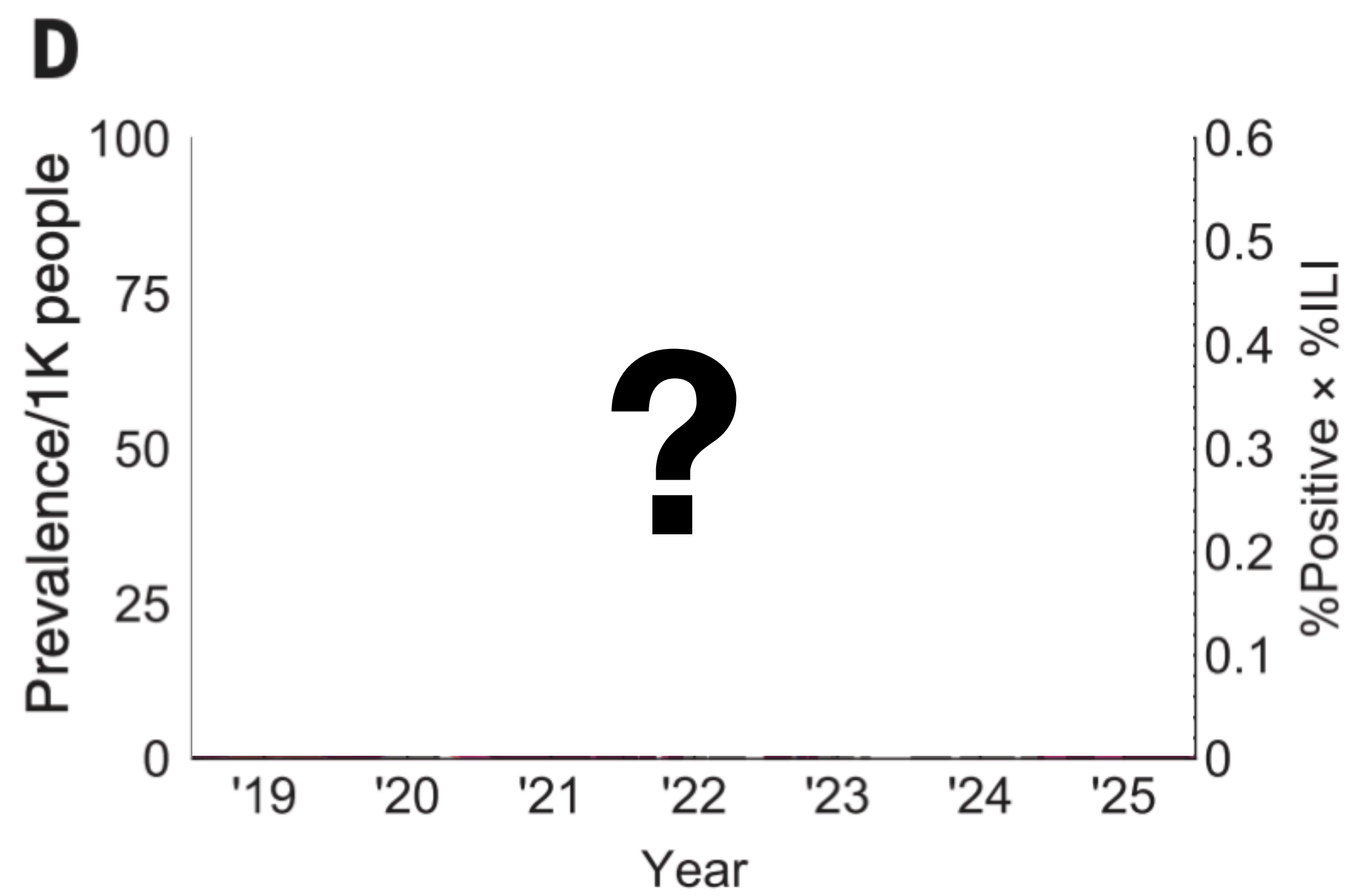
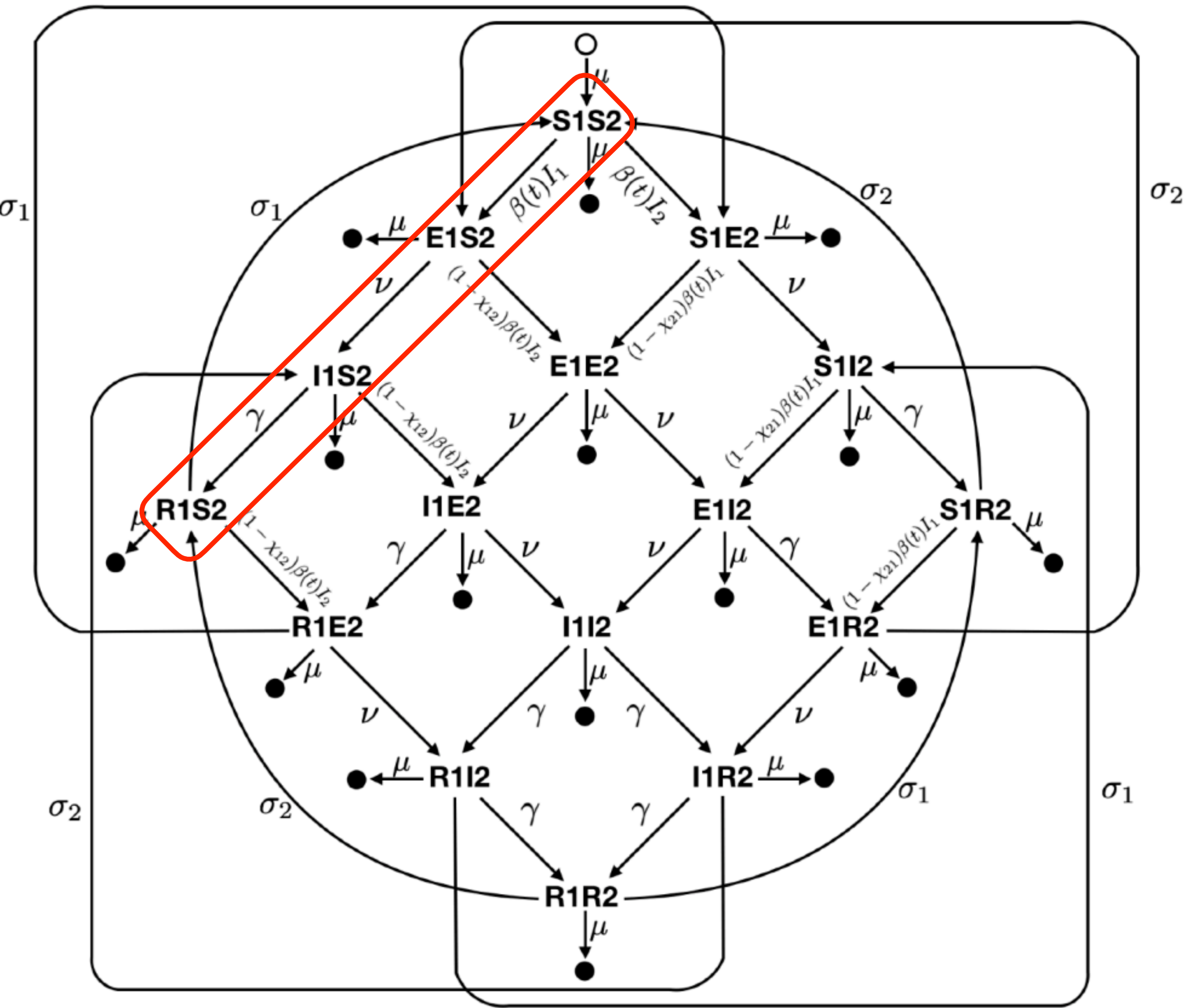
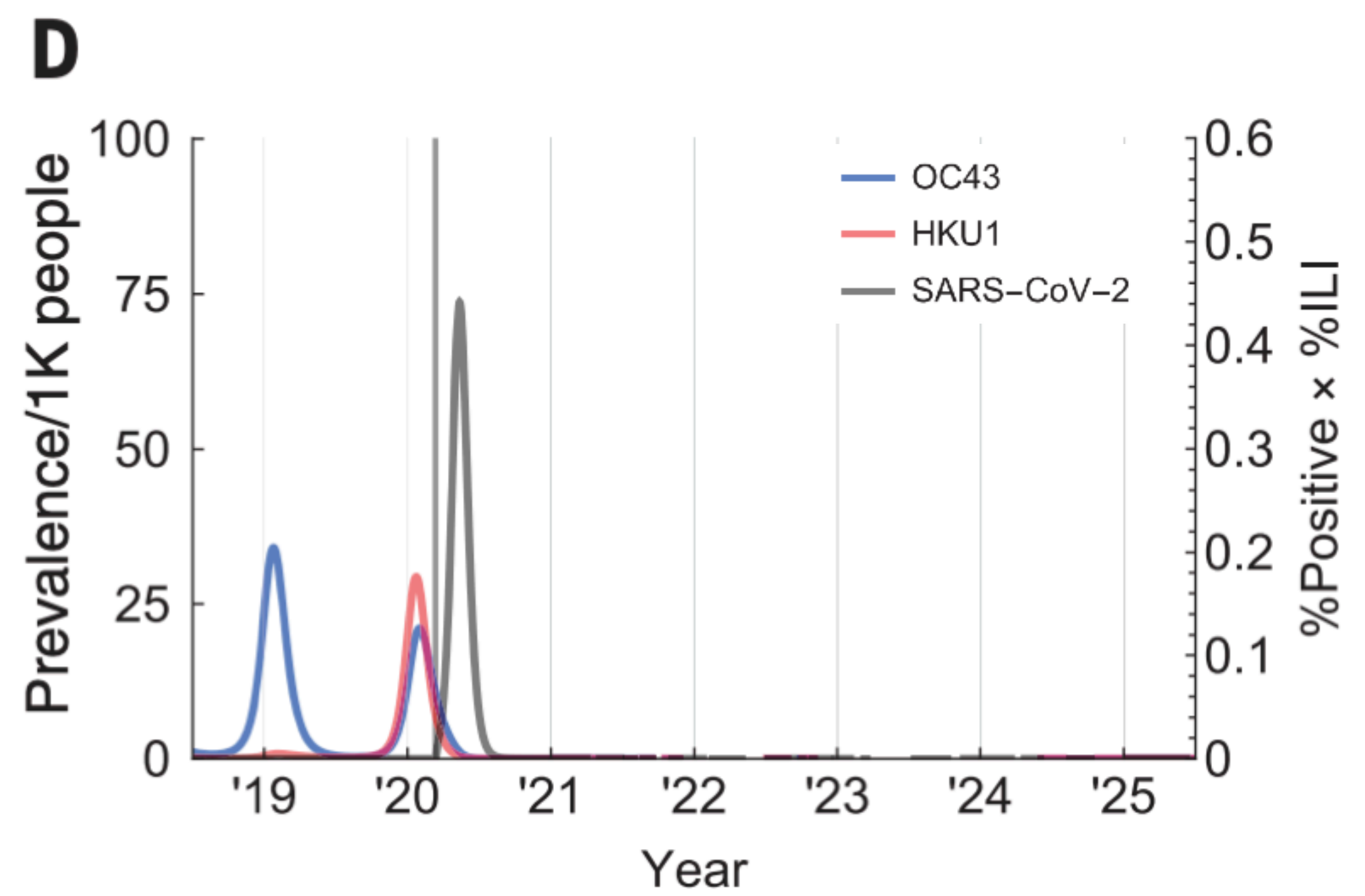
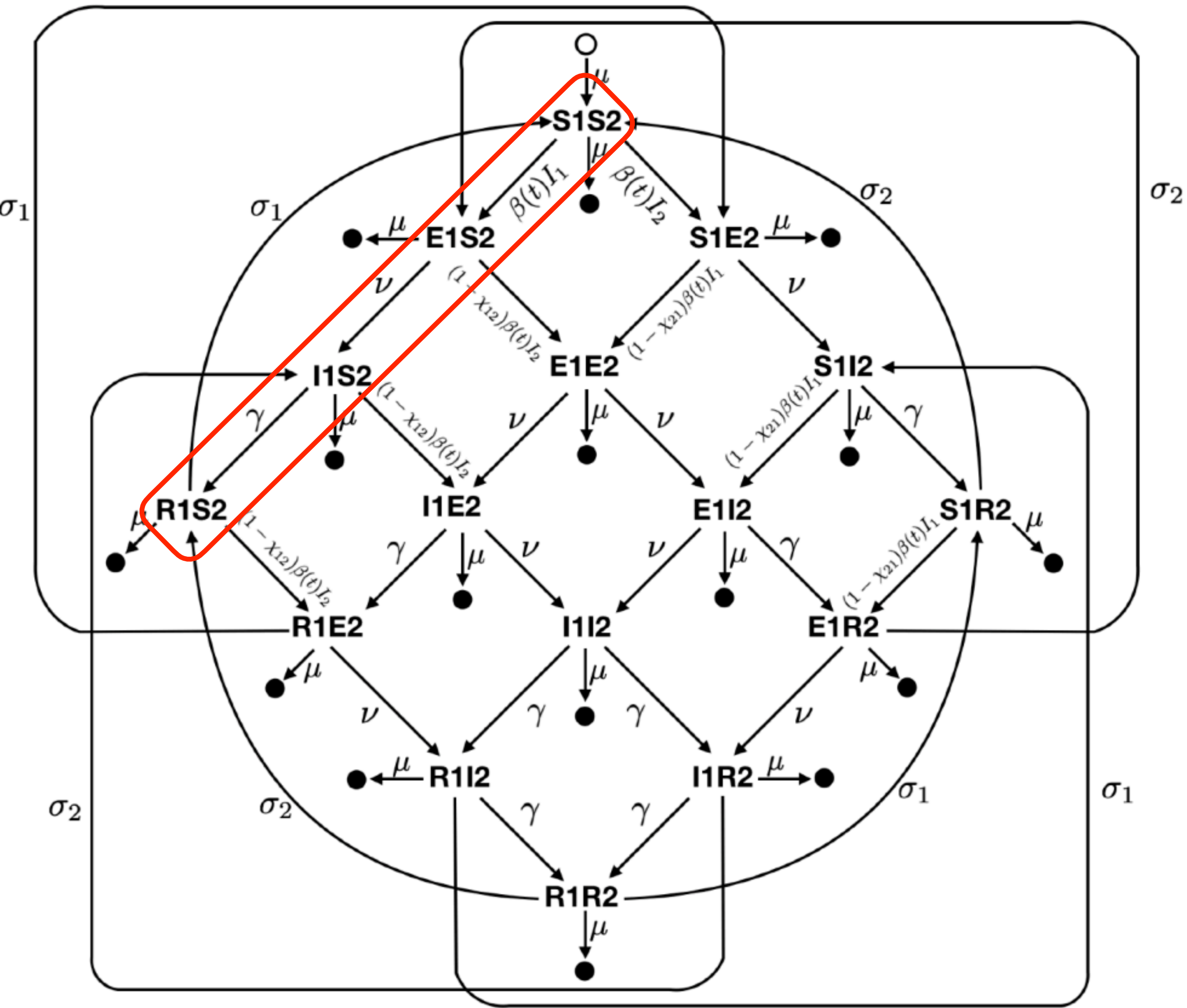


The full model



Long-term immunity ($1/\sigma = \text{infinity}$)

The full model



Long-term immunity ($1/\sigma = \text{infinity}$) could make SARS-CoV-2, and maybe even the other coronaviruses, die out